

# San Diego County Immunization Registry (SDIR) Meaningful Use 2011-2012

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# San Diego Immunization Registry (SDIR)

- **SDIR** – Electronic immunization information system (IIS) used by the community to improve regional immunization levels
  - IZ database for patient medical record retention and mobility
  - Provides a “vaccine due” forecast to providers (Decision support)
  - Reduces over or under vaccination while increasing community immunization coverage rates
- **318 organizations utilize SDIR in the San Diego region**
  - Public and private health care facilities (170)
  - School Districts (42), Private/Charter Schools (35), Colleges (3), childcare facilities and Head Start (19)
  - WIC (5), County programs (35), and Health Plans (4)
  - San Diego Unified School District comprises ~50% of County students; “read/write” capacity and has added 177,701 records (223 schools)

# San Diego Immunization Registry (SDIR)

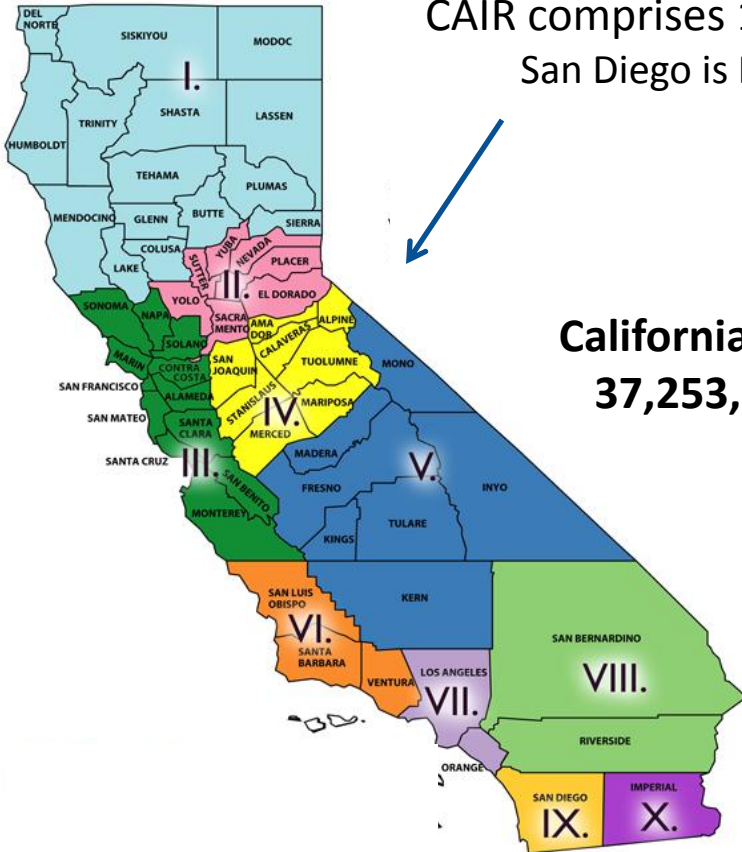
- SDIR IIS
  - Web-based use ~ 60% records
  - Electronic exchange ~ 40% records
  - 8 active interfaces
  - HL7 2.3, 2.5, Continuity of Care Document (CCD)
- SDIR Capacity
  - 2,135,574 patients in SDIR
  - 19,261, 234 immunizations in SDIR

San Diego County population  
3.14 million

# California Immunization Registry (CAIR)

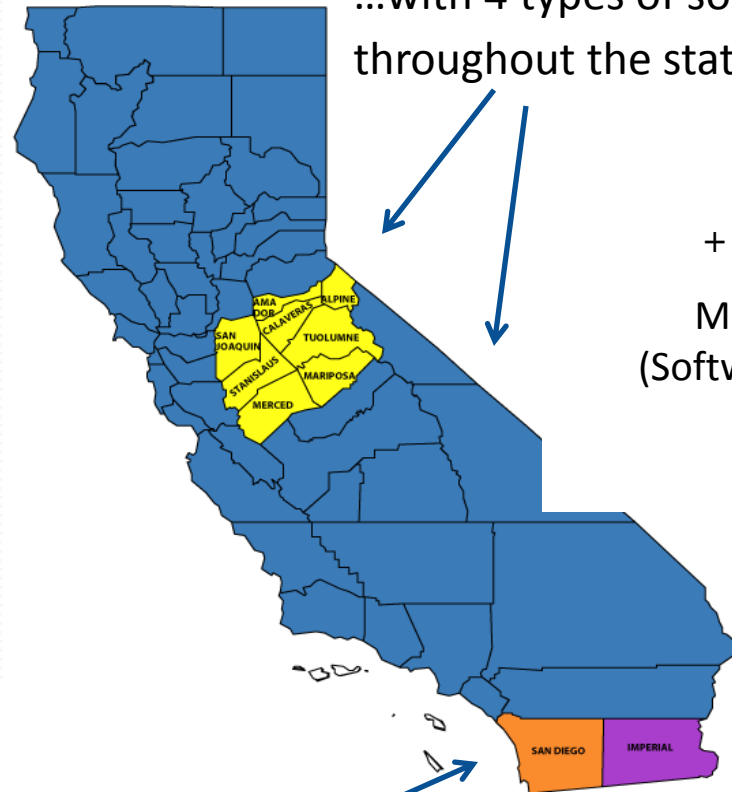


CAIR comprises 10 Regions  
San Diego is Region IX



California Pop\*  
37,253, 956

...with 4 types of software<sup>+</sup>  
throughout the state



<sup>+</sup> SDIR uses  
MatchMerge  
(Software Partners)

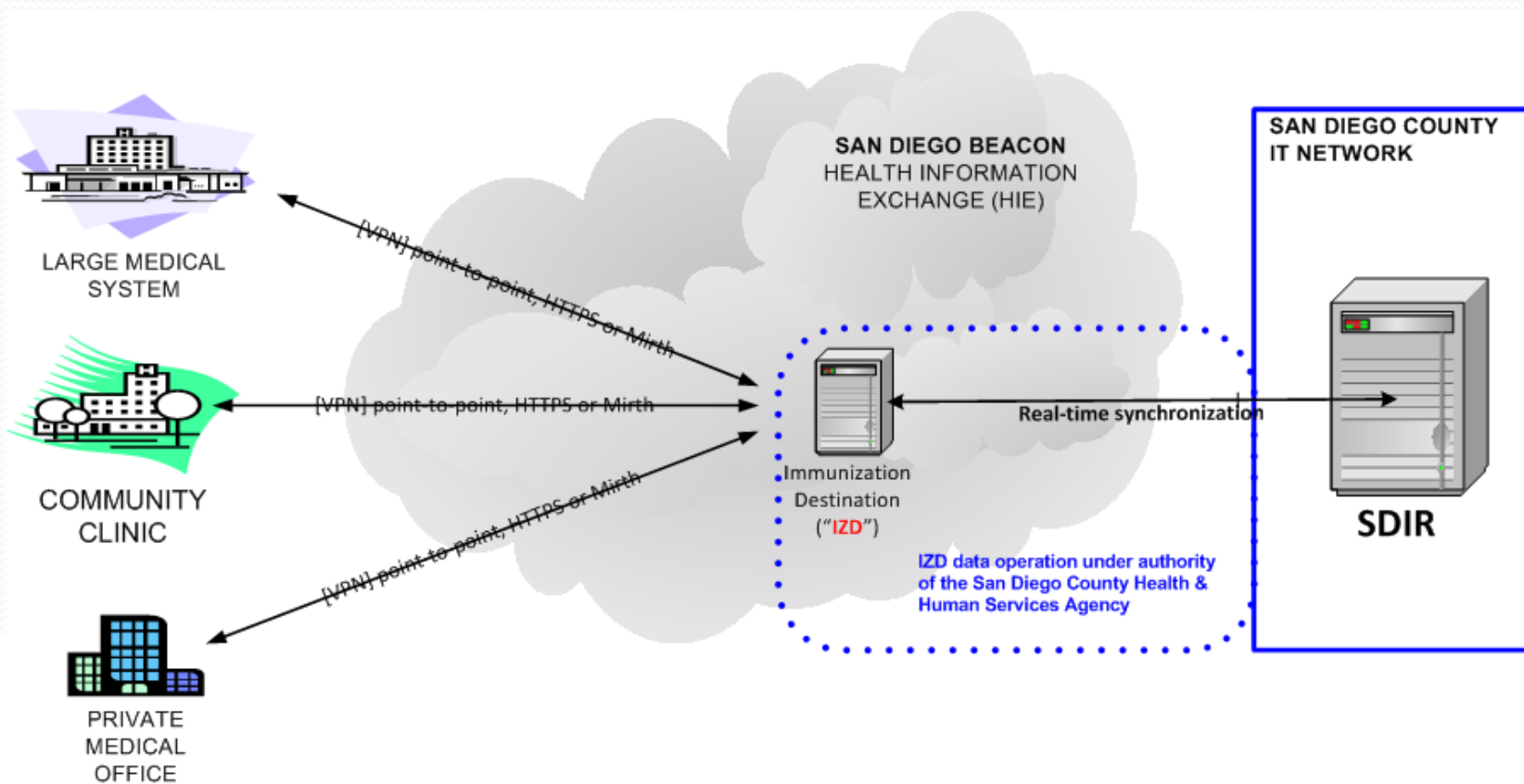


San Diego Pop\*  
3,095, 313  
(~ 8% of CA)

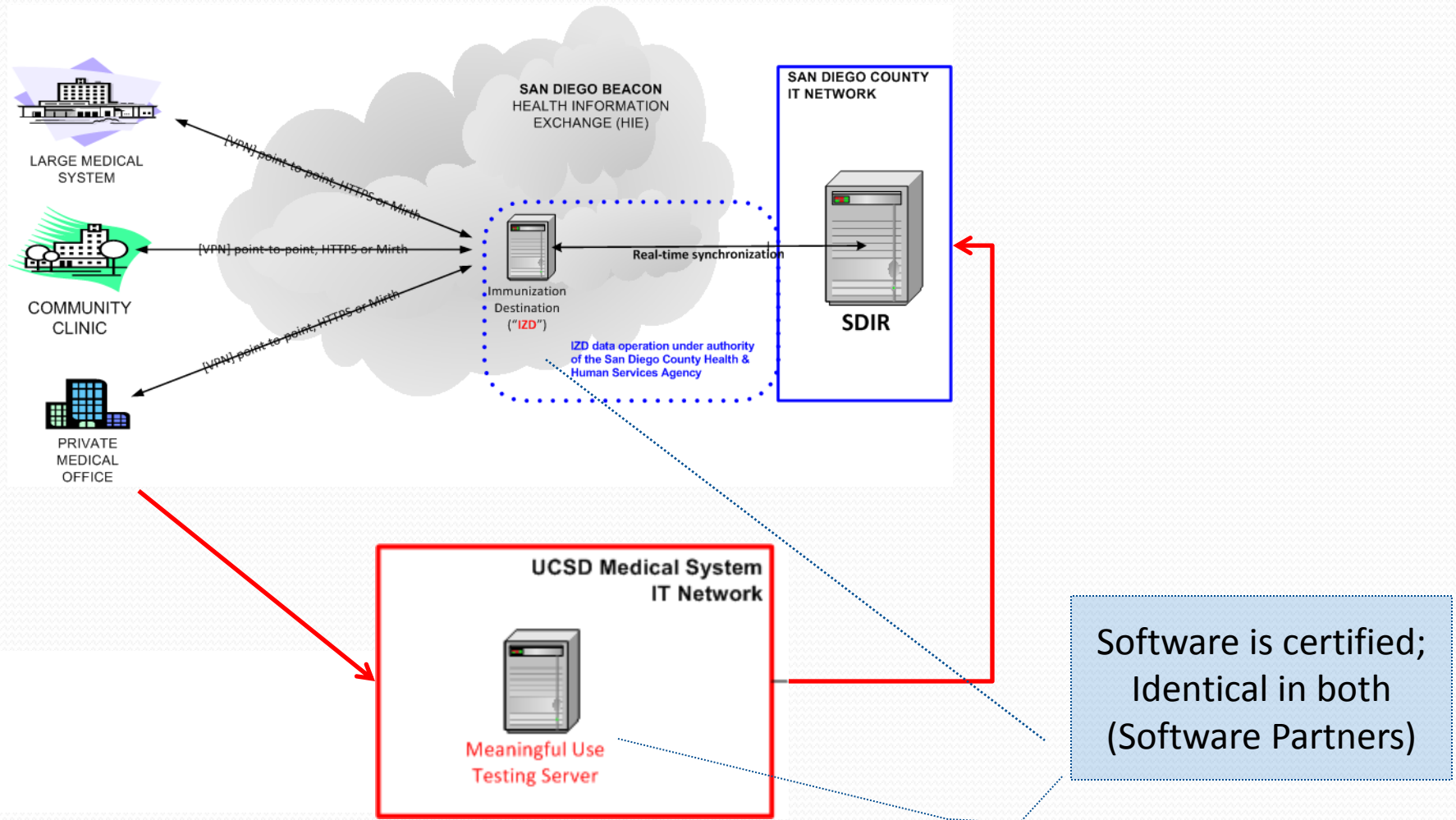
January 2011

\*2010 Census

# CONCEPTUAL MODEL – SDIR and San Diego BEACON HIE



# SDIR MU Testing System (in red)



# SDIR MU Testing Process

- **PROCESS:**

- Registration with SDIR
- Provide Documentation (SDIR & MU Testing Specifications)
- Meeting (SDIR, SDIR vendor, Clinic, Clinic vendor)
- SDIR or SDIR vendor (Software Partners, SWP) provide Testing Credentials (SITEID, Login, Password, URL)
  - Early SWP provided credentials manually, now semi-automated

- **TECHNICAL:**

- HTTPS, SFTP, email attachment, CCD
- SDIR staff primarily facilitate HTTPS, email
- Software Partners (SDIR vendor,) facilitates CCD, SFTP
  - 2 CCD tests to-date, 0 SFTP

# SDIR MU Testing Status (2011/2012, to-date)

- **TESTING CRITERIA**

- Facility/SITE ID, DOB, address, CVX code, and administration date
- HL7 version 2.3.1 or higher

- **BACKGROUND:**

- First test 9/19/2011, manual process (i.e. initial interface steps)
- MU Testing System recently semi-automated, SDIR staff testing

- **TESTING ESTIMATES** (organizations tested; not each facility; provisional)

- 97 -- TESTED-PASS
- 5 -- TESTED-FAILED
- 28 -- NOT TESTED